

LOW BIO-BURDEN ELASTIC BANDAGE

Abstract of Disclosure

A method for making an essentially natural rubber latex-free elastic compression bandage. The method includes providing a homogeneous mixture containing from about 20 to about 90 parts by weight synthetic natural rubber, from about 10 to about 80 parts by weight secondary elastomeric compound, fillers and processing aids. The mixture is fed to an extruder to provide an extruded web. The extruded web is calendered to provide a calendered web, and the calendered web is electron beam cured to provide an elastic web having a reduced bio-burden. The reduced bio-burden of the web enables production of bandages without prolonged sterilization techniques.

Figures

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